



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q80429

Hang NGUYEN, et al.

Appln. No.: 10/810,567

Group Art Unit: 2819

Confirmation No.: Not Assigned

Examiner: Not Assigned

Filed: March 29, 2004

For: **METHOD FOR DECODING VARIABLE LENGTH CODES AND CORRESPONDING RECEIVER**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of

**INFORMATION DISCLOSURE STATEMENT**

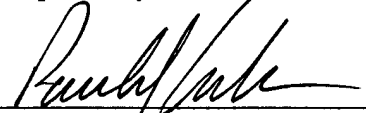
U.S. Appln. No.: 10/810,567

Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore please charge the fee of \$180.00 under 37 C.F.R. § 1.17(p) to Deposit Account No. 19-4880.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Paul J. Wilson  
Registration No. 45,879

SUGHRUE MION, PLLC  
Telephone: (650) 625-8100  
Facsimile: (650) 625-8110

MOUNTAIN VIEW OFFICE

**23493**

CUSTOMER NUMBER

Date: February 25, 2005

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: February 25, 2005

Signed: 

Mariann Tam

*Complete if Known*

Application Number	10/810,567
Confirmation Number	Not Assigned
Filing Date	March 29, 2004
First Named Inventor	Hang NGUYEN
Art Unit	2819
Examiner Name	Not Assigned
Attorney Docket Number	Q80429

Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			

[illegible]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		PARK, MOONSEO, et al., "Joint Source-Channel Decoding for Variable-Length Encoded Data by Exact and Approximate MAP Sequence Estimation," <i>IEEE Transactions on Communications</i> , January 2000, pp. 1-6, Vol. 48, No. 1.	
		WEN, JIANGTAO, et al., "Soft-Input Soft-Output Decoding of Variable Length Codes," <i>IEEE Transactions on Communications</i> , May 2002, pp. 689-692, Vol. 50, No. 5.	
		BYSTROM, M., et al., "Soft Decoding for Robust Video Transmission," <i>IEEE Wireless Communications and Networking Conference</i> , September 2000, pp. 196-201, Vol. 1.	

<b>Examiner Signature</b>		<b>Date Considered</b>	
---------------------------	--	------------------------	--

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.